Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018993.D
Acq On : 01 Mar 2019 18:56
Operator : JU/SJ
Sample : K1655-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : A0C12-2-1.5-2.0MSD

Manual Integrations APPROVED
Sohil
3/4/2019 12:47:43 PM

Quant Time: Mar 02 02:02:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	275345	20.00	ng		-0.04
21) Naphthalene-d8	10.47	136	1148662	20.00	ng		-0.04
39) Acenaphthene-d10	14.33	164	661413	20.00	ng		-0.03
64) Phenanthrene-d10	17.09	188	1472492	20.00	ng		-0.02
76) Chrysene-d12	21.29	240	1383062	20.00	ng		-0.02
87) Perylene-d12	23.53	264	1207356	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.28	112	2559299	152.29	ng		-0.02
7) Phenol-d6	6.87	99	3710398	156.73	ng		-0.02
23) Nitrobenzene-d5	8.86	82	2326861	93.67	ng		-0.03
42) 2,4,6-Tribromophenol	15.84	330	1489523	156.23	ng		-0.02
45) 2-Fluorobiphenyl	12.95	172	4318737	86.68	ng		-0.03
79) Terphenyl-d14	19.73	244	6156822	91.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	249851	34.136	ng		97
3) Pyridine	3.63	79	785430	39.340	ng		100
4) n-Nitrosodimethylamine	3.55	42	258317	50.860	ng		93
6) Aniline	7.03	93	1300821	44.846	ng		99
8) 2-Chlorophenol	7.25	128	916682	49.684	ng		99
9) Benzaldehyde	6.85	77	435829	31.866	ng		100
10) Phenol	6.89	94	1313620	52.735	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	859888	45.253	ng		99
12) 1,3-Dichlorobenzene	7.57	146	905809	43.661	ng		98
13) 1,4-Dichlorobenzene	7.72	146	929574	44.012	ng		98
14) 1,2-Dichlorobenzene	8.03	146	906579	44.686	ng		99
15) Benzyl Alcohol	7.93	79	923396	49.088	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	845932	45.997	ng		99
17) 2-Methylphenol	8.13	107	799835	50.449	ng		98
18) Hexachloroethane	8.75	117	345119	44.762	ng		99
19) n-Nitroso-di-n-propylamine	8.50	70	842624	45.969	ng		99
20) 3+4-Methylphenols	8.46	107	1094243	49.982	ng		98
22) Acetophenone	8.52	105	1392070	44.131	ng	#	100
24) Nitrobenzene	8.90	77	1178256	45.693	ng		98
25) Isophorone	9.42	82	2112595	53.297	ng		99
26) 2-Nitrophenol	9.60	139	511855	49.845	ng		97
27) 2,4-Dimethylphenol	9.65	122	842384	56.165	ng		100
28) bis(2-Chloroethoxy)methane	9.90	93	1247816	48.681	ng		99
29) 2,4-Dichlorophenol	10.12	162	874368	50.771	ng		99
30) 1,2,4-Trichlorobenzene	10.33	180	905263	45.516	ng		98
31) Naphthalene	10.52	128	2798731	49.958	ng		99
32) Benzoic acid	9.84	122	615352	47.034	ng		96
33) 4-Chloroaniline	10.65	127	535670	21.391	ng		99
34) Hexachlorobutadiene	10.78	225	489485	42.401	ng		99
35) Caprolactam	11.47	113	291832m	41.521	ng		
36) 4-Chloro-3-methylphenol	11.77	107	1011695	48.724	ng		97
37) 2-Methylnaphthalene	12.14	142	2080738	52.754	ng		99
38) 1-Methylnaphthalene	12.36	142	1960526	50.831	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.51	216	973233	45.998	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018993.D
Acq On : 01 Mar 2019 18:56
Operator : JU/SJ
Sample : K1655-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Manual Integrations APPROVED
Sohil
3/4/2019 12:47:43 PM

Quant Time: Mar 02 02:02:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	1089232	100.692	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	710377	50.717	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	752614	51.265	ng	98
46) 1,1'-Biphenyl	13.16	154	2625868	46.122	ng	100
47) 2-Chloronaphthalene	13.21	162	2035165	46.281	ng	99
48) 2-Nitroaniline	13.43	65	715731	49.007	ng	98
49) Acenaphthylene	14.06	152	3348762	51.143	ng	99
50) Dimethylphthalate	13.81	163	3054212	55.408	ng	99
51) 2,6-Dinitrotoluene	13.93	165	582649	48.795	ng	97
52) Acenaphthene	14.40	154	1957171	48.747	ng	100
53) 3-Nitroaniline	14.27	138	421388	31.233	ng	97
54) 2,4-Dinitrophenol	14.48	184	719448	93.879	ng	96
55) Dibenzofuran	14.74	168	3144615	47.651	ng	99
56) 4-Nitrophenol	14.59	139	1039695	96.535	ng	96
57) 2,4-Dinitrotoluene	14.73	165	832515	50.603	ng	97
58) Fluorene	15.39	166	2639718	52.286	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.97	232	674558	51.983	ng	99
60) Diethylphthalate	15.17	149	2684785	47.217	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1274566	45.027	ng	97
62) 4-Nitroaniline	15.44	138	589648	44.580	ng	96
63) Azobenzene	15.68	77	2866142	47.012	ng	98
65) 4,6-Dinitro-2-methylphenol	15.49	198	459718	44.467	ng	98
66) n-Nitrosodiphenylamine	15.61	169	2226249	47.854	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	763198	46.305	ng	98
68) Hexachlorobenzene	16.39	284	882185	46.048	ng	96
69) Atrazine	16.57	200	697527	46.508	ng	99
70) Pentachlorophenol	16.74	266	1151716	93.367	ng	99
71) Phenanthrene	17.13	178	4569395	57.743	ng	100
72) Anthracene	17.23	178	4204629	54.589	ng	100
73) Carbazole	17.50	167	3796713	47.181	ng	99
74) Di-n-butylphthalate	18.06	149	4710741	50.901	ng	100
75) Fluoranthene	19.16	202	5261939	57.564	ng	98
77) Benzidine	19.36	184	2425485	77.868	ng	100
78) Pyrene	19.52	202	5134284	63.917	ng	99
80) Butylbenzylphthalate	20.42	149	2184567	59.674	ng	99
81) Benzo(a)anthracene	21.27	228	4363176	54.119	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1261284	39.585	ng	100
83) Chrysene	21.33	228	4028034	52.126	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	3173576	59.231	ng	100
85) Di-n-octyl phthalate	22.07	149	4943716	54.898	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	4075584	45.682	ng	100
88) Benzo(b)fluoranthene	22.86	252	3857807	55.848	ng	99
89) Benzo(k)fluoranthene	22.90	252	3686802	53.610	ng	100
90) Benzo(a)pyrene	23.44	252	3590753	54.872	ng	99
91) Dibenzo(a,h)anthracene	25.83	278	3407220	52.554	ng	98
92) Benzo(g,h,i)perylene	26.51	276	3292769	54.554	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030119\
Data File : BM018993.D
Acq On : 01 Mar 2019 18:56
Operator : JU/SJ
Sample : K1655-12MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 02 02:02:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
A0C12-2-1.5-2.0MSD

Manual Integrations APPROVED
Sohil
3/4/2019 12:47:43 PM